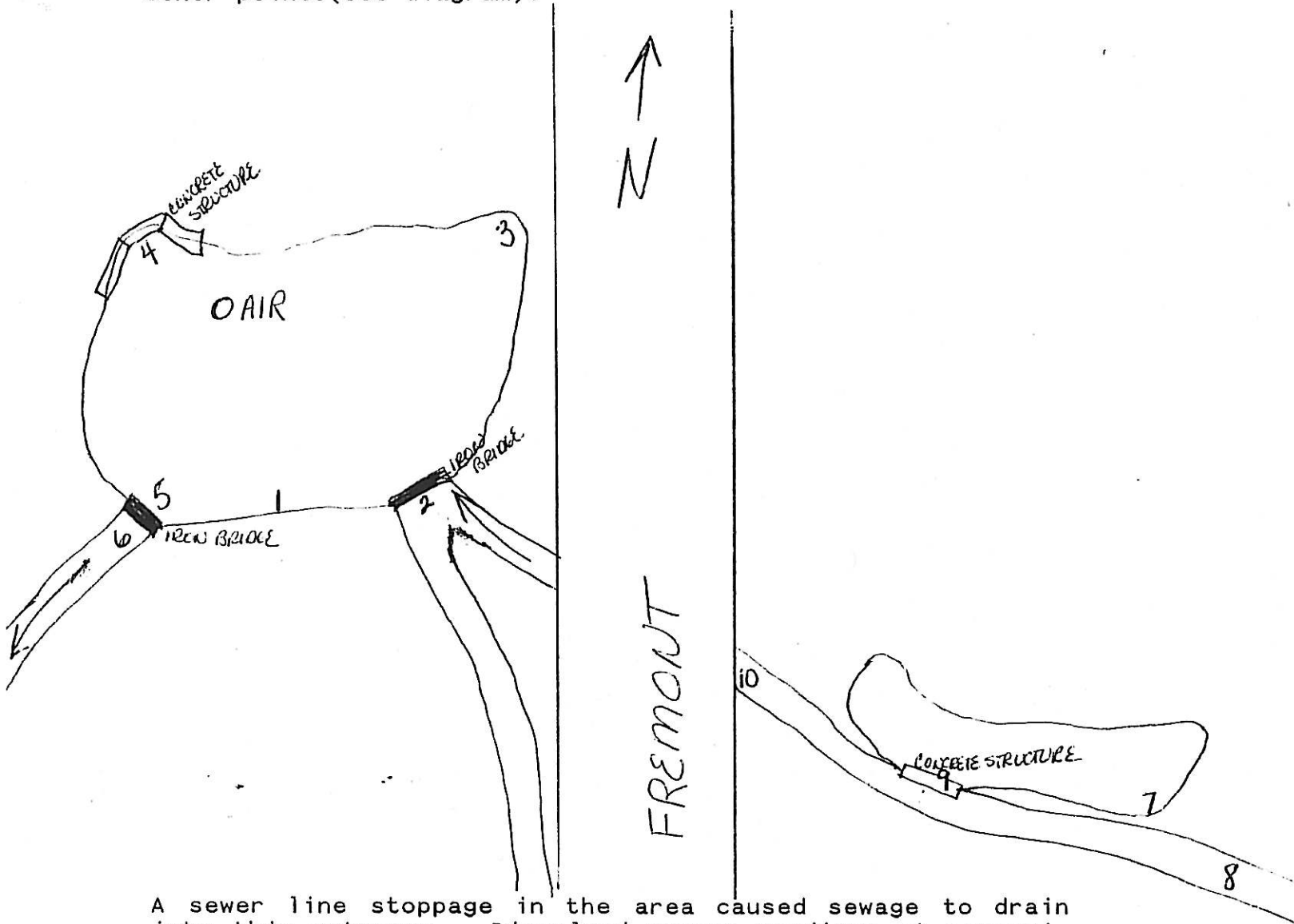


MEMO TO RANDY LYMAN

On Thursday afternoon, July 9, 1992, Steve Short and I took dissolved oxygen samples of the Burrell Center's aerated pond, the pond on the east side of Fremont and at several other points(see diagram).



A sewer line stoppage in the area caused sewage to drain into this waterway. Dissolved oxygen readings at approximately 1:50 p.m. were:

Sampling Point	Reading
7	1.5-2.2(very shallow at this spot)
8	2.5(There was a gray algae on the bottom of the ditch and the water had a sewage odor and bubbles on top of it)
9	10.6
10	4.4(There was a sewage odor here and some grayish algae in the bottom of the ditch)
1	14.4
2	4.0

The pond on the east side of Fremont had minnows in it. The pond at Burrell Center had minnows in it. The weather was sunny, very hot and humid.

3900 S. FREMONT

On Friday, July 10, 1992, I returned to the area and took another set of readings. Dissolved oxygen readings at 5:30 a.m. were:

Sampling point	Temperature C	D.O. Reading
1	26.0	12.4
2	22.0	3.2
3	25.0	10.0
4	25.0	9.8
5	26.0	11.6
6	26.0	15.0
7	15.0	2.3
8	18.0	5.2
9	23.0	5.8
10	21.0	4.6

I observed a muskrat at #2 and ducks and geese in the Burrell Center pond. The air temperature was 23.0 C. The D.O. meter probe read 8.4. I adjusted it to 8.6. The sewage odor at #8 and at #10 was barely noticeable.

*Karen Chandler*

Karen Chandler

WPCI II

S & E